



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number: 96435

**TO: Juliet Switzer**  
**Location: r 12D15; m 12E12**  
**Art Unit: 1634**  
**Thursday, June 12, 2003**

**Case Serial Number: 09/747391**

**From: Barb O'Bryen**  
**Location: Biotech-Chem Library**  
**CM1-6A05**  
**Phone: 308-4291**

*BOB*  
**barbara.obryen@uspto.gov**

### Search Notes

#### O'Bryen, Barbara

**From:** Switzer, Juliet  
**Sent:** Wednesday, June 04, 2003 4:11 PM  
**To:** O'Bryen, Barbara  
**Subject:** interference search request

09747391  
please complete an interference search for seq id no 277.

thanks.

Juliet Switzer  
(nee: Juliet Einsmann)  
Art Unit 1634  
703 306 5824  
office CM1 12D15  
mailbox CM1 12E12

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 11, 2003, 07:23:55 ; Search time 52 Seconds  
(without alignments)  
176.929 Million cell updates/sec

Title: US-09-747-391-277

Perfect score: 30  
Sequence: 1 tggctggcgagcgaggttaacttttta 30

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents NA.\*  
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4: /cgn2.6/ptodata/1/ina/6B.COMB.seq.\*  
5: /cgn2.6/ptodata/1/ina/PCTUS.COMB.seq.\*  
6: /cgn2.6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	17.8	59.3	50	1	US-08-299-902-4
2	17.8	59.3	50	2	US-09-107-737-4
3	17.8	59.3	50	5	PCT-US95-11056-4
C 4	17.8	59.3	2966	4	US-09-780-049-3
C 5	17.8	59.3	40000	4	US-09-780-049-18
6	17.4	58.0	675	4	US-08-998-416-1096
7	17.4	58.0	6314	1	US-08-211-430-1
8	17.2	57.3	544	4	US-09-280-116-247
9	17.2	57.3	3383	4	US-08-861-105-13
10	17.2	57.3	3383	4	US-08-575-967A-1
11	17.2	57.3	3733	4	US-09-293-549-1
12	17.2	57.3	19736	4	US-09-740-035-3
13	16.8	56.0	198	1	US-08-222-177A-42
14	16.8	56.0	4978	1	US-08-220-603A-1
15	16.8	56.0	246240	2	US-08-724-394A-20
16	16.8	56.0	246240	2	US-08-724-394A-21
17	16.8	56.0	246240	2	US-08-724-394A-22
C 18	16.6	55.3	630	1	US-08-081-072-4
C 19	16.6	55.3	630	1	US-08-449-093A-4
C 20	16.6	55.3	4342	4	US-09-338-907-107
C 21	16.6	55.3	4342	4	US-09-218-207-107
C 22	16.6	55.3	4582	4	US-09-338-907-118
C 23	16.6	55.3	4582	4	US-09-218-207-118
C 24	16.6	55.3	4686	4	US-09-338-907-117
C 25	16.6	55.3	4686	4	US-09-218-207-117
C 26	16.6	55.3	4875	4	US-09-338-907-114
C 27	16.6	55.3	4875	4	US-09-218-207-114

Sequence 116, App  
Sequence 116, App  
Sequence 121, App  
Sequence 121, App  
Sequence 120, App  
Sequence 120, App  
Sequence 115, App  
Sequence 115, App  
Sequence 123, App  
Sequence 123, App  
Sequence 122, App  
Sequence 122, App  
Sequence 112, App  
Sequence 112, App  
Sequence 3, Appli  
Sequence 113, App  
Sequence 113, App  
Sequence 3, Appli

ALIGNMENTS

RESULT 1  
US-08-299-902-4  
; Sequence 4, Application US/08299902  
; Patent No. 5827742  
; GENERAL INFORMATION:  
; APPLICANT: Scadden, David T.  
; TITLE OF INVENTION: A METHOD OF SELECTING PLURIPOTENT  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: U.S.  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/299,902  
; FILING DATE: 01-SEP-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: NEDH93-06  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-861-6240  
; TELEFAX: 617-861-9540  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 50 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: synthetic DNA  
US-08-299-902-4

Query Match 59.3%; Score 17.8; DB 1; Length 50;  
Best Local Similarity 75.9%; Pred. No. 15;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 2 GCGTGGGCGAGCGAGGTAACTTCTTTA 30  
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Db 9 GGTGTGGGGGAGACCACTAATCTTTA 37  
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RESULT 2  
JS-09-107-737-4  
; Sequence 4, Application US/09107737  
; Patent No. 5965437  
; GENERAL INFORMATION:  
; APPLICANT: Scadden, David T.  
; TITLE OF INVENTION: A METHOD OF SELECTING PLURIPOTENT  
; TITLE OF INVENTION: HEMATOPOIETIC PROGENITOR CELLS  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 28 State Street, floor 24  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09107737  
; FILING DATE: 19-June-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/299,903  
; FILING DATE: 01-SEPT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ralph A. Loren  
; REGISTRATION NUMBER: 29,325  
; REFERENCE/DOCKET NUMBER: NER-260DV  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)227-4214  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: synthetic DNA  
JS-09-107-737-4  
Query Match 59.3%; Score 17.8; DB 2; Length 50;  
Best Local Similarity 75.9%; Pred. No. 15;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 2 GCGTGGCGGAGGAGGTAACCTTTTA 30  
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Db 9 GGTGTGGGGAAGCACCATAACTTGTTA 37  
RESULT 3  
PCT-US95-11056-4  
; Sequence 4, Application PC/TUS9511056  
; GENERAL INFORMATION:  
; APPLICANT: Scadden, David T.  
; TITLE OF INVENTION: A METHOD OF SELECTING PLURIPOTENT  
; TITLE OF INVENTION: HEMATOPOIETIC PROGENITOR CELLS  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109-1875  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US95/11056  
; FILING DATE: 31-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/299,903  
; FILING DATE: 01-SEPT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jean M. Silveri  
; REGISTRATION NUMBER: 39,030  
; REFERENCE/DOCKET NUMBER: NER-260PC  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)227-5941  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 50 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: synthetic DNA  
PCT-US95-11056-4  
Query Match 59.3%; Score 17.8; DB 5; Length 50;  
Best Local Similarity 75.9%; Pred. No. 15;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 2 GCGTGGCGGAGGAGGTAACCTTTTA 30  
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Db 9 GGTGTGGGGAAGCACCATAACTTGTTA 37  
RESULT 4  
US-09-780-049-3/c  
; Sequence 3, Application US/09780049  
; Patent No. 6465250  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUN  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0134  
; CURRENT APPLICATION NUMBER: US/09/780,049  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 3  
; LENGTH: 2966  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (995)...(1924)  
US-09-780-049-3  
Query Match 59.3%; Score 17.8; DB 4; Length 2966;  
Best Local Similarity 75.9%; Pred. No. 31;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 1 TGGCTGGCGGAGGAGGTAACCTTTT 29  
||||| ||||| ||||| ||||| |||||  
Db 80 TGGCGGGGCGAGGCTTGGGCTTTTCTTT 52  
RESULT 5  
US-09-780-049-18/c  
; Sequence 18, Application US/09780049  
; Patent No. 6465250  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUN  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0134  
; CURRENT APPLICATION NUMBER: US/09/780,049  
; CURRENT FILING DATE: 2001-02-09

; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 18  
; LENGTH: 40000  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
US-09-780-049-18

Query Match 59.3%; Score 17.8; DB 4; Length 40000;  
Best Local Similarity 75.9%; Pred. No. 51;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTTT 29  
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Db 761 TGGCGGCGGAGGCTGGGCTTTCCTT 733

RESULT 6  
US-08-998-416-1096  
; Sequence 1096, Application US/08998416  
; Patent No. 6239264  
; GENERAL INFORMATION:  
; APPLICANT: Philippsen, Peter  
; APPLICANT: Pohlmann, Rainer  
; APPLICANT: Steiner, Sabine  
; APPLICANT: Mohr, Christine  
; APPLICANT: Wendland, Jurgens  
; APPLICANT: Knechtle, Philipp  
; APPLICANT: Rebschung, Corinne  
; TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPPII  
; TITLE OF INVENTION: AND USES THEREOF  
; NUMBER OF SEQUENCES: 1152  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NO. 6239264artis Corporation  
; STREET: 3054 Cornwallis Road  
; CITY: Research Triangle Park  
; STATE: No. 6239264th Carolina  
; COUNTRY: USA  
; ZIP: 27709

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/998,416  
; FILING DATE: 24-DEC-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: CH 0016/97  
; FILING DATE: 31-DEC-1996

; ATTORNEY/AGENT INFORMATION:  
; NAME: Meigs, J. Timothy  
; REGISTRATION NUMBER: 38,241  
; REFERENCE/DOCKET NUMBER: PE/5-30306/R/CGC1976  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 919-541-8587  
; TELEFAX: 919-541-8689  
; INFORMATION FOR SEQ ID NO: 1096:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 675 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE:  
; ORGANISM: PAG1665UP

US-08-998-416-1096  
Query Match 58.0%; Score 17.4; DB 4; Length 675;  
Best Local Similarity 94.7%; Pred. No. 36;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 CGTGGCGGAGGAGGTA 22  
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Db 174 CGTGGCGGAGGAGGTA 192

RESULT 7  
US-08-211-430-1  
; Sequence 1, Application US/08211430  
; Patent No. 5763166  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH  
; TITLE OF INVENTION: X CHROMOSOME LINKED KALLMANN SYNDROME, CORRESPONDING  
; TITLE OF INVENTION: PEPTIDE SEQUENCES/DIAGNOSTIC APPLICATIONS.  
; NUMBER OF SEQUENCES: 32  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/211,430  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 6314 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; CELL LINE: foetal brain cells  
US-08-211-430-1

Query Match 58.0%; Score 17.4; DB 1; Length 6314;  
Best Local Similarity 77.8%; Pred. No. 55;  
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 CGGTGGCGGAGGAGGTAACCTCTTT 29  
||||| ||||||| ||| |||||||  
Db 1757 GCGTGGCGGAGGAGGTAACCTCTTT 1783

RESULT 8  
US-09-280-116-247  
; Sequence 247, Application US/09280116A  
; Patent No. 6331427  
; GENERAL INFORMATION:  
; APPLICANT: Robison, Keith E.  
; TITLE OF INVENTION: Nucleic Acid Molecules Encoding Human Protease Homologs  
; FILE REFERENCE: 5800-24, 035800/176965  
; CURRENT APPLICATION NUMBER: US/09/280,116A  
; CURRENT FILING DATE: 1999-03-26  
; NUMBER OF SEQ ID NOS: 268  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 247  
; LENGTH: 544  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: hemoglobinase  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (1)..(544)  
; OTHER INFORMATION: n = a, t, c or g  
US-09-280-116-247

Query Match 57.3%; Score 17.2; DB 4; Length 544;  
Best Local Similarity 73.3%; Pred. No. 43;  
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;



US-09-293-549-1

Query Match	57.3%;	Score 17.2;	DB 4;	Length 3733;
Best Local Similarity	73.3%;	Fred. No. 62;		
Matches 22;	Conservative	8;	Mismatches	0; Gaps 0;
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Dh	3014 TGTAGAGGGGAGGACGCACACTTCCTGA	3043		

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RESULT 12
US-09-740-035-3
  Sequence 3, Application US/09740035
  Patent No. 6344353
  GENERAL INFORMATION:
  APPLICANT: YE, Jane et al
  TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
  TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
  TITLE OF INVENTION: USES THEREOF
  FILE REFERENCE: CL001058
  CURRENT APPLICATION NUMBER: US/09/740,035
  CURRENT FILING DATE: 2000-12-20
  NUMBER OF SEQ ID NOS: 4
  SOFTWARE: FastSeq for Windows Version 4.0
  SEQ ID NO 3
  LENGTH: 19736
  TYPE: DNA
  ORGANISM: Human
US-09-740-035-3

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Query Match	57.3%	Score 17.2	DB 4	Length 19736
Best Local Similarity	73.3%	Prod. No. 85		
Matches 22	Conservative	0	Mismatches 8	Indels 0
Gaps	0			

RESULT 13  
 US-08-222-177A-42  
 ; Sequence 42, Application US/08222177A  
 ; Patent No. 5582979  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Weber, James L.  
 ; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
 ; TITLE OF INVENTION: (GC-CA)n.(GG-GT)n SEQUENCES AND METHODS OF USING SAME  
 ; NUMBER OF SEQUENCES: 460  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dewitt Ross & Stevens, S.C.  
 ; STREET: 8000 Excelsior Drive, Suite 401  
 ; CITY: Madison  
 ; STATE: Wisconsin  
 ; COUNTRY: USA  
 ; ZIP: 53717-1914  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/222,177A  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/341,562

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TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 198 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
INDIVIDUAL ISOLATE: Caucasian
TISSUE TYPE: Blood
IMMEDIATE SOURCE:
CLONE: M1d66
POSITION IN GENOME:
CHROMOSOME/SEGMENT: X
FEATURE:
NAME/KEY: repeat_region
LOCATION: 34..77
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OTHER INFORMATION: /citation=([1])
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NAME/KEY: misc_feature
LOCATION: 161..180
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OTHER INFORMATION: /standard_name="PCR primer"
OTHER INFORMATION: /citation=([1])
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..198
IDENTIFICATION METHOD: experimental
OTHER INFORMATION: /evidence=EXPERIMENTAL
OTHER INFORMATION: /standard_name="Only one strand sequenced"
PUBLICATION INFORMATION:
AUTHORS: Weber, J. L.
AUTHORS: Wittek, A. E.
AUTHORS: May, P. E.
AUTHORS: Polymeropoulos, M. H.
AUTHORS: Ledbetter, S.
TITLE: Dinucleotide repeat polymorphisms at the
TITLE: DXS453, DXS454, and DXS458 loci
JOURNAL: Nucleic Acids Res.
VOLUME: 18
PAGES: 4037-
DATE: 1990
PUBLICATION INFORMATION:
AUTHORS: Weber, James L.
AUTHORS: May, Paula E.
TITLE: Abundant Class of Human DNA Polymorphisms
TITLE: Which Can Be Typed Using the Polymerase Chain
TITLE: Reaction
JOURNAL: Am. J. Hum. Genet.
VOLUME: 44
PAGES: 388-396
DATE: 1989
US-08-222-177A-42
Query Match 56.0%; Score 16.8; DB 1; Length 198;
Best local Similarity 75.0%; Pred. No. 55;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
OV 3 GCCTGGCGGACGAGGTAAGTCTTTTA 30

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 11, 2003, 08:53:14 ; Search time 132 Seconds  
(without alignments)  
318.077 Million cell updates/sec

Title: US-09-747-391-277

Perfect score: 30

Sequence: 1 tggcgtggcgagcgaggttaacttcttta 30

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 870385 seqs, 695768693 residues

Total number of hits satisfying chosen parameters: 1740770

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:\*

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- 2: /cgn2.6/ptodata/1/pubpna/PCT\_NEW\_PUB.seq:\*
- 3: /cgn2.6/ptodata/1/pubpna/US06\_NEW\_PUB.seq:\*
- 4: /cgn2.6/ptodata/1/pubpna/US06\_PUBCOMB.seq:\*
- 5: /cgn2.6/ptodata/1/pubpna/US07\_NEW\_PUB.seq:\*
- 6: /cgn2.6/ptodata/1/pubpna/PCTUS\_PUBCOMB.seq:\*
- 7: /cgn2.6/ptodata/1/pubpna/US08\_NEW\_PUB.seq:\*
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- 13: /cgn2.6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*
- 14: /cgn2.6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	19.4	64.7	344	9	US-09-728-444-1196
2	18.8	62.7	457	9	US-09-918-995-13197
3	18.8	62.7	464	9	US-09-918-995-13197
4	18.8	62.7	758	9	US-10-198-846-7111
5	18.8	62.7	1691139	9	US-10-067-514-1
6	18.4	61.3	2737	9	US-10-028-072-55
7	18.4	61.3	2737	9	US-10-121-049-55
8	18.4	61.3	2737	9	US-10-123-904-55
9	18.4	61.3	2737	9	US-10-140-470-55
10	18.4	61.3	2737	9	US-10-175-746-55
11	18.4	61.3	2737	9	US-10-176-921-55
12	18.4	61.3	2737	9	US-10-176-921-55
13	18.4	61.3	2737	9	US-10-137-865-55
14	18.4	61.3	2737	9	US-10-140-474-55
15	18.4	61.3	2737	9	US-10-142-431-55
16	18.4	61.3	2737	9	US-10-143-114-55
17	18.4	61.3	2737	9	US-10-140-002-55
18	18.4	61.3	2737	9	US-10-142-419-55
19	18.4	61.3	2737	9	US-10-123-262-55

20	18.4	61.3	2737	9	US-10-142-423-55	Sequence 55, Appl
21	18.4	61.3	2737	9	US-10-121-050-55	Sequence 55, Appl
22	18.4	61.3	2737	9	US-10-141-755-55	Sequence 55, Appl
23	18.4	61.3	2737	9	US-10-143-032-55	Sequence 55, Appl
24	18.4	61.3	2737	9	US-10-123-108-55	Sequence 55, Appl
25	18.4	61.3	2737	9	US-10-123-236-55	Sequence 55, Appl
26	18.4	61.3	2737	9	US-10-123-261-55	Sequence 55, Appl
27	18.4	61.3	2737	9	US-10-140-921-55	Sequence 55, Appl
28	18.4	61.3	2737	9	US-10-140-928-55	Sequence 55, Appl
29	18.4	61.3	2737	9	US-10-121-045-55	Sequence 55, Appl
30	18.4	61.3	2737	9	US-10-123-292-55	Sequence 55, Appl
31	18.4	61.3	2737	9	US-10-123-903-55	Sequence 55, Appl
32	18.4	61.3	2737	9	US-10-124-819-55	Sequence 55, Appl
33	18.4	61.3	2737	9	US-10-124-822-55	Sequence 55, Appl
34	18.4	61.3	2737	9	US-10-140-925-55	Sequence 55, Appl
35	18.4	61.3	2737	9	US-10-160-498-55	Sequence 55, Appl
36	18.4	61.3	2737	9	US-10-121-041-55	Sequence 55, Appl
37	18.4	61.3	2737	9	US-10-121-043-55	Sequence 55, Appl
38	18.4	61.3	2737	9	US-10-121-047-55	Sequence 55, Appl
39	18.4	61.3	2737	9	US-10-123-215-55	Sequence 55, Appl
40	18.4	61.3	2737	9	US-10-123-902-55	Sequence 55, Appl
41	18.4	61.3	2737	9	US-10-123-908-55	Sequence 55, Appl
42	18.4	61.3	2737	9	US-10-123-909-55	Sequence 55, Appl
43	18.4	61.3	2737	9	US-10-123-910-55	Sequence 55, Appl
44	18.4	61.3	2737	9	US-10-124-813-55	Sequence 55, Appl
45	18.4	61.3	2737	9	US-10-124-817-55	Sequence 55, Appl

#### ALIGNMENTS

##### RESULT 1

US-09-728-444-1196  
; Sequence 1196, Application US/09728444  
; Patent No. US20020161207A1  
; GENERAL INFORMATION:  
; APPLICANT: Friedrich, Glenn  
; APPLICANT: Zambrowicz, Brian  
; APPLICANT: Sands, Arthur T.  
; TITLE OF INVENTION: No. US20020161207A1 Murine Polynucleotide Sequences and Mutant Cells and Mutant Animals Defined Thereby  
; FILE REFERENCE: LEX-0100-USA  
; CURRENT APPLICATION NUMBER: US/09/728,444  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/168,360  
; PRIOR FILING DATE: 1999-12-01  
; NUMBER OF SEQ ID NOS: 1206  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1196  
; LENGTH: 344  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)...(344)  
; OTHER INFORMATION: n = A,T,C or G  
US-09-728-444-1196

Query Match 64.7%; Score 19.4; DB 9; Length 344;

Best Local Similarity 79.3%; Pred. No. 12;

Matches 23; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGCGAGGTAACCTCTTT 29

Db 252 TGGCTTGGCGGAGCGAGGATAGCATATT 280

##### RESULT 2

US-09-918-995-13197/c  
; Sequence 13197, Application US/09918995  
; Publication No. US20030073623A1  
; GENERAL INFORMATION:  
; APPLICANT: Hyseq, Inc.



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; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13197
; LENGTH: 457
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(457)
; OTHER INFORMATION: n = A,T,C or G
JS-09-918-995-13197

Query Match          62.7%; Score 18.8; DB 9; Length 457;
Best Local Similarity 76.7%; Pred. No. 24;
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

2Y 1 TGGCGTGGCGAGCGAGGTAACCTCTTTA 30
   ||||| ||||| ||||| ||||| |||||
2b 420 TTGGAGGCTGAGCGAGGAACCTCTTTA 391

RESULT 3
JS-09-918-995-27638/c
; Sequence 27638, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27638
; LENGTH: 464
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(464)
; OTHER INFORMATION: n = A,T,C or G
JS-09-918-995-27638

Query Match          62.7%; Score 18.8; DB 9; Length 464;
Best Local Similarity 76.7%; Pred. No. 24;
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

2Y 1 TGGCGTGGCGAGCGAGGTAACCTCTTTA 30
   ||||| ||||| ||||| ||||| |||||
2b 396 TGGGAGGCTGAGCGAGGATAACTGCTTGA 367

RESULT 4
JS-10-198-846-7111
; Sequence 7111, Application US/10198846
; Publication No. US2003009974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinhmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
; FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
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; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-049
; CURRENT APPLICATION NUMBER: US/10/198,846
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7111
; LENGTH: 758
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 404, 469, 536, 579, 616, 620, 625, 636, 627, 631, 643, 644,
; LOCATION: 650, 661, 669, 675, 680, 682, 685, 686, 690, 693, 695, 697,
; LOCATION: 698, 700, 703, 706, 707, 708, 709, 711, 713, 714, 715, 716,
; LOCATION: 718, 720, 721, 722, 723, 724, 725, 726, 727, 732, 733
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 738, 740, 741, 742, 743, 745, 747, 748, 755, 757
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-7111

Query Match          62.7%; Score 18.8; DB 9; Length 758;
Best Local Similarity 76.7%; Pred. No. 25;
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGAGCGAGGTAACCTCTTTA 30
   ||||| ||||| ||||| ||||| |||||
Db 84 TAGCGTGTGCGCGGAGGTACTCTTTA 113

RESULT 5
US-10-067-514-1/c
; Sequence 1, Application US/10067514
; Publication No. US20030054531A1
; GENERAL INFORMATION:
; APPLICANT: Gretarsdottir, Solveig
; APPLICANT: Jonsdottir, Sif
; APPLICANT: Reynisdottir, Sigríður Th.
; TITLE OF INVENTION: HUMAN STROKE GENE
; FILE REFERENCE: 2345-2010-003
; CURRENT APPLICATION NUMBER: US/10/067,514
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: US 09/811/352
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1691139
; TYPE: DNA
; ORGANISM: Human
US-10-067-514-1

Query Match          62.7%; Score 18.8; DB 9; Length 1691139;
Best Local Similarity 76.7%; Pred. No. 46;
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGAGCGAGGTAACCTCTTTA 30
   ||||| ||||| ||||| ||||| |||||
Db 50539 TGGCATGGGCAACCGGGAACCTCTCTA 50510

RESULT 6
US-10-028-072-55
; Sequence 55, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
```

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028,072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049511  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
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PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
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PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
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PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13

; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086414  
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; PRIOR FILING DATE: 1998-06-04  
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; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088741  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088810  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088858  
; PRIOR FILING DATE: 19/98-06-11  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089599  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089907  
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; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
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; PRIOR FILING DATE: 1998-06-24  
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; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090538  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090863  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07

Query Match 61.3%; Score 18.4; DB 9; Length 2737;  
Best Local Similarity 78.6%; Pred. No. 42;  
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TGGCGTGGCGAGCGAGGTAACCTCTT 28  
||||| |||| ||||||||| |||  
Db 119 TGGCGTCAGCGACCCAGGTAACCTCT 146

RESULT 7  
US-10-121-049-55  
; Sequence 55, Application US/10121049  
; Publication No. US200302239A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filwaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C54  
; CURRENT APPLICATION NUMBER: US/10/121,049  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 55  
; LENGTH: 2737  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-121-049-55

Query Match 61.3%; Score 18.4; DB 9; Length 2737;  
Best Local Similarity 78.6%; Pred. No. 42;  
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TGGCGTGGCGAGCGAGGTAACCTCTT 28  
||||| |||| ||||||||| |||  
Db 119 TGGCGTCAGCGACCCAGGTAACCTCT 146

RESULT 8  
US-10-123-904-55  
; Sequence 55, Application US/10123904  
; Publication No. US20030022328A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filwaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C54  
; CURRENT APPLICATION NUMBER: US/10/123,904  
; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 55  
; LENGTH: 2737  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-123-904-55

Query Match 61.3%; Score 18.4; DB 9; Length 2737;  
Best Local Similarity 78.6%; Pred. No. 42;  
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TGGCGTGGCGAGCGAGGTAACCTCTT 28  
||||| |||| ||||||||| |||  
Db 119 TGGCGTCAGCGACCCAGGTAACCTCT 146

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RESULT 9
US-10-140-470-55
; Sequence 55, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 55
; LENGTH: 2737
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-470-55

Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTT 28
      ||||| |||| ||||| ||||| |||
Db 119 TGGCGTCAGCAGCCAGGTAACCTCT 146

RESULT 10
US-10-175-746-55
; Sequence 55, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
US-10-175-746-55

Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTT 28
      ||||| |||| ||||| ||||| |||
Db 119 TGGCGTCAGCAGCCAGGTAACCTCT 146

RESULT 11
US-10-176-918-55
; Sequence 55, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 55
; LENGTH: 2737
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-918-55

Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTT 28
      ||||| |||| ||||| ||||| |||
Db 119 TGGCGTCAGCAGCCAGGTAACCTCT 146

RESULT 12
US-10-176-921-55
; Sequence 55, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
US-10-175-746-55

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; SEQ ID NO 55
; LENGTH: 2737
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-746-55

Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTT 28
      ||||| |||| ||||| ||||| |||
Db 119 TGGCGTCAGCAGCCAGGTAACCTCT 146

RESULT 11
US-10-176-918-55
; Sequence 55, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 55
; LENGTH: 2737
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-918-55

Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TGGCGTGGCGGAGGAGGTAACCTCTT 28
      ||||| |||| ||||| ||||| |||
Db 119 TGGCGTCAGCAGCCAGGTAACCTCT 146

RESULT 12
US-10-176-921-55
; Sequence 55, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
US-10-175-746-55

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APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang,Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330RIC154
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 55
LENGTH: 2737
TYPE: DNA
ORGANISM: Homo Sapien
IS-10-176-921-55

Query Match 61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

y 1 TGGCGTGGCGGAGCGAGGTAACCTCTT 28
||||| |||| |||||||| |||
b 119 TGGCGTCAAGCCAGCCAGGTAACCTCT 146

RESULT 13
IS-10-137-865-55
Sequence 55, Application US/10137865
Publication No. US20030032155A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330RIC154
CURRENT APPLICATION NUMBER: US/10/137,865
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 55
LENGTH: 2737
TYPE: DNA
ORGANISM: Homo Sapien
IS-10-137-865-55

Query Match 61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

y 1 TGGCGTGGCGGAGCGAGGTAACCTCTT 28
||||| |||| |||||||| |||
b 119 TGGCGTCAAGCCAGCCAGGTAACCTCT 146

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; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 55
; LENGTH: 2737
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-142-431-55
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Query Match      61.3%; Score 18.4; DB 9; Length 2737;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
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QY      1 TGGCGTGGCGGAGCGAGGTAACCTCTT 28
        ||||| |||| ||||| |||
Db      119 TGGCGTCAGCGACCCAGGTAACCTCT 146
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Search completed: June 11, 2003, 10:13:25
Job time : 145 secs
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